



# FACILITY COMPLIANCE INSPECTION REPORT

## Division of Waste Management Solid Waste Section

<b>UNIT TYPE:</b>											
Lined MSWLF		LCID	<b>X</b>	YW		Transfer		Compost	<b>X</b>	SLAS	<b>COUNTY:</b> Watauga <b>PERMIT NO.:</b> 95-02TP-TP <b>FILE TYPE:</b> COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P	<b>X</b>	FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Site Inspection:** 5/19/2014

**Date of Last Inspection:** 7/30/2013 & 8/23/2013

**FACILITY NAME AND ADDRESS:**

Watauga County Land Clearing and Inert Debris Landfill and Treatment Processing Facility  
 336 Landfill Road  
 Boone, NC 28607

**GPS COORDINATES:** N: 36.22032 E: -81.63165

**FACILITY CONTACT NAME AND PHONE NUMBER:**

J.V. Potter, Operations Services Director  
 Telephone: 828-264-5305, Mobile: 828-964-0681  
 Fax: 828-264-1702  
 Email: jv.potter@watgov.org

**FACILITY CONTACT ADDRESS:**

Watauga County Solid Waste and Recycling Department  
 842 West King Street, Suite 1  
 Boone, NC 28607-3525

**PARTICIPANTS:**

J.V. Potter, Operations Services Director  
 Deb Aja, NCDENR Solid Waste Section

**STATUS OF PERMIT:**

Active. Permit to Operate a Land Clearing & Inert Debris Landfill Phase 1 and Treatment & Processing Unit, and, Permit to Construct a Land Clearing and Inert Debris Landfill Expansion Phase 1, issued on June 15, 2011. The Permit to Operate shall expire on June 15, 2016.

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection.

**STATUS OF PAST NOTED VIOLATIONS:**

N/A

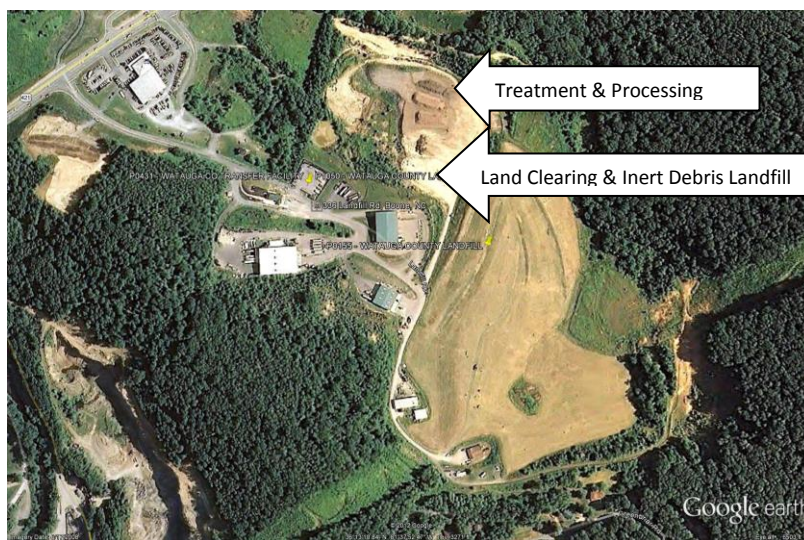
**OBSERVED VIOLATIONS**

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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**Figure 1: Watauga County Solid Waste Facilities, 336 Landfill Road, Boone, NC**

**ADDITIONAL COMMENTS**

1. The facility is permitted to receive solid waste generated within the service area of: Ashe, Avery Caldwell, Watauga and Wilkes Counties.
2. Composting operations have not been initiated at the facility.
3. The Land Clearing and Inert Debris [LCID] Landfill and the Treatment and Processing Area together accepted an average of 237 tons per month during FY2012-2013.
4. The facility is secured by a locked gate.
5. The facility maintains the required signage.

**Land Clearing and Inert Debris Landfill:**

6. The LCID Landfill is an expansion of an existing notified landfill for LCID. The notified landfill is Phase I, comprising 1.95 acres in Permit 95-02. Phase 1 Expansion is .28 acres. A future Phase 2 is planned comprising .72 acres.
7. The edge of waste footprint for all LCID disposal units were identified with permanent physical markers (metal posts).
8. The facility appeared to be accepting only those wastes that it is permitted to receive. Soil, rock, unpainted masonry materials were observed during the inspection.
9. Wastes appeared to be covered with soil cover as required.
10. The working face was kept as small as possible and compacted as densely as practical to minimize erosion control issues and maximize landfill capacity.
11. Landfill slopes appeared to be no steeper than 3:1.
12. Surface water was diverted from the working face and there was no evidence that surface water was impounded over waste.
13. There was no evidence of excessive on site erosion.
14. There was no windblown waste in the areas surrounding the landfill.
15. The access road was maintained in good condition.
16. Landfill gas monitoring was reviewed post-inspection. Quarterly monitoring of landfill gas has not yet commenced. Permit 9502TP-TP General Permit Condition Number 6 requires in part that the construction and operation of the facility be in accordance with the approved plan and that the Permit to Operate General

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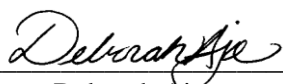
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Facility Condition Number 11 requires in part that Landfill gas monitoring locations must be established and monitored as identified in the approved plans. The approved plan includes the implementation of a two stage landfill gas monitoring program. The first stage consists of placement of a probe directly in the waste to a depth of approximately six feet below the surface and to be monitored quarterly (the approximate location of a the Stage 1 probe provided with the plan). Stage 1 of the approved landfill gas monitoring plan is required to be implemented. Please submit as built drawing and construction records to Elizabeth Werner, Hydrogeologist in accordance with Permit to Operate General Facility Condition Number 13. Any modification to the approved landfill gas monitoring plan must be submitted in advance for review and approval.

**Treatment and Processing (Wood Grinding):**

17. The facility is permitted to receive wooden pallets constructed on unpainted and untreated natural wood, and land clearing waste as defined by 15A NCAC 13B , Rule .0101(23), and yard trash as defined in 15A NCAC 13B, Rule .0101(55). Only those wastes that are permitted to receive were observed during the inspection.
18. The facility is authorized by Permit 95-02TP-TP to operate a compost facility at the site. While no leaves were observed on site, the requirement to compost leaves was discussed with facility staff in previous inspections and again during this inspection. **Any yard trash (solid waste resulting from landscaping and yard maintenance such as brush, grass, tree limbs, and similar material) must be segregated for composting, including yard trash from seasonal leaf collection that is accepted by the facility. Ground material containing yard trash may not be distributed unless it has been composted in accordance with Rule .1400.**
19. Waste was maintained in reasonably sized piles with adequate fire breaks and lanes.
20. Grinding operations are conducted twice per year and the contractor removes the mulch from the site.
21. There was no surface water observed around operational and storage areas.
22. There were no odors detected at the site during the inspection.
23. There appeared to be effective vector control measures; there were no flies, rodents, insects, or vermin observed during the inspection.
24. The access road to the area was maintained in good condition.

Please contact me if you have any questions or concerns regarding this inspection report.



Deborah Aja  
Environmental Senior Specialist  
**Regional Representative**  
[deborah.aja@ncdenr.gov](mailto:deborah.aja@ncdenr.gov)

Phone: 828-296-4702  
Asheville Regional Office  
2090 US Hwy 70  
Swannanoa, NC 28778

Sent on June 2, 2014, to J.V. Potter, Watauga County, by:	X	Email		Hand delivery		US Mail		Certified No. :
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EC: Jason Watkins, Western District Supervisor - SWS  
Sarah Rice, Compliance Officer – SWS  
Allen Gaither, Regional Permitting Engineer – SWS  
Elizabeth Werner, Hydrogeologist - SWS